

Records in Contexts (RiC) update

December 13, 2021

Introduction

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Presenters

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TS-EAS want to thank Daniel and Florence for being able to give us and all of you an update on RiC



Records in Contexts-Conceptual Model (RiC-CM)

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Slides created by Bill Stockting, Royal Archives, Windsor Castle

Introducing RiC

Records in Contexts (RiC) is a draft standard for describing archival records within the contexts of origination and ongoing use

When completed, RiC will have four complementary parts

- RiC-IAD: Introduction to Archival Description.
- RiC-CM: Conceptual Model.
- **RiC-O**: Ontology.
- RiC-AG: Application Guidelines.

Author

- International Council on Archives Expert Group on Archival Description (ICA EGAD)
- Currently 21 members from 14 countries

Introducing RiC

Today I will:

- Provide a quick tour of the 2nd draft of RiC-CM as an entity-relationship model (ERM):
 - Entities
 - Attributes of the entities
 - Relations between entities
- Point out the significant changes from the 1st draft

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EXPERT GROUP ON ARCHIVAL DESCRIPTION



RECORDS IN CONTEXTS CONCEPTUAL MODEL

Consultation Draft v0.2 July 2021

Comments are welcome at egad@ica.org
or
https://github.com/ICA-EGAD/RIC-CM/issues

Version 0.1 to 0.2

Extensive feedback to 2016 draft the basis for EGAD's discussions and changes in v0.2:

- Introduction substantially revised to highlight the contexts for the revised approach to archival description
- Model clearer for those with ISAD(G) as a starting point:
 - Entities section significantly revised to emphasize key entities
 - Attributes and Relations sections clearer and eliminate redundancy
- Description of intellectual content (the message) clearly distinguished from its physical representation

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RECORDS IN CONTEXTS CONCEPTUAL MODEL

Consultation Draft v0.2 July 2021

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https://github.com/ICA-EGAD/RiC-CM/issues

Things and Entities

Entities are now grouped in a four level hierarchy:

- The root entity is **Thing** encompassing all possible things
- The entities and sub-entities, in the model, set out from levels 2 to 4, are the key entities for archival description:
 - Core entities seen in bold
 - Other entities necessary for fully describing the core entities
- Addition of the thing entity allows RiC-CM to be extensible as other contextual entities necessary to fully describe records may be added in implementation

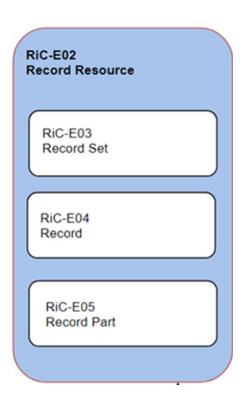
RiC Entities Hierarchy			
First Level	Second Level	Third Level	Fourth Level
RiC-E01 Thing	RiC-E02 Record Resource	RiC-E03 Record Set	
		RiC-E04 Record	
		RiC-E05 Record Part	
	RiC-E06 Instantiation		
	RiC-E07 Agent	RiC-E08 Person	
		RiC-E09 Group	RiC-E10 Family
			RiC-E11 Corporate Body
		RiC-E12 Position	
		RiC-E13 Mechanism	
	RiC-E14 Event	RiC-E15 Activity	
	RiC-E16 Rule	RiC-E17 Mandate	
	RiC-E18 Date	RiC-E19 Single Date	
		RiC-E20 Date Range	
		RiC-E21 Date Set	
	RiC-E22 Place		

Record Resource Entities

Addition of **Record Resource** entity in v0.2:

- v0.1 moved on from ISAD(G)'s unit of description stating that there were 3 different kinds of record entity

 this still holds, record component becoming record part
- To emphasize that they are nonetheless similar kinds of thing, v0.2 introduces record resource, which is conceptually comparable to unit of description, with the 3 sub-entities



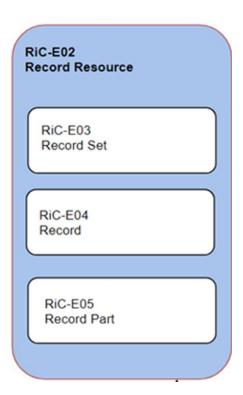
Record Resource Entities

Record:

- Equates to ISAD(G)'s item level unit of description
- Always documents or is evidence of an activity undertaken by an agent
- Must be inscribed at least once

Record Part:

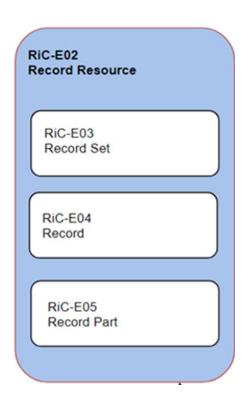
- Discrete information content without which a record may not be complete
- Not always necessary to describe parts but may well be for born-digital records
- Whether a record resource described as a record or record part is a matter of perspective



Record Resource Entities

Record Set as in v0.1:

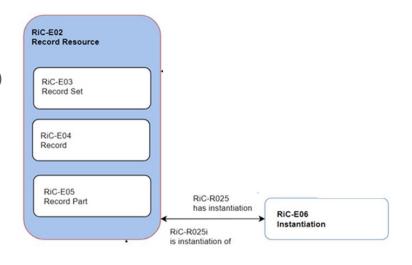
- Records grouped together by an agent based on shared attributes and/or relations (provenance, topic, date, place etc.) to serve their own ends
- As a conceptual aggregation may be physically inscribed but not necessarily so
- May hold other record sets in a hierarchy so caters for traditional multi-level provenance based description at fonds or series *level*, and other types of *collections*
- Also allows records to be grouped in other ways by creators, managers, archivists, and users, simultaneously and/or over time



Instantiation Entity

Addition of **Instantiation** in v0.2:

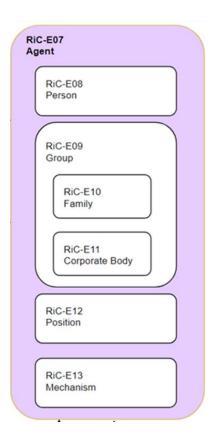
- Provides a clear distinction between physical and intellectual characteristics of records
- Allows the description of the carrier (analogue or digital) on which the message is represented
- A Record must have one but may have many instantiations
- An instantiation may be derived from another instantiation: whether it is considered of the same or a new record is a matter of perspective



Agent Entities

Agent:

- 2nd level entity
- Sub entities:
 - Person and Group, which has sub-entities
 Corporate body and Family
 - Position: functional role of a person within a group
 - Mechanism (Delegate-agent in v0.1): process or system created by a person or group that performs an activity



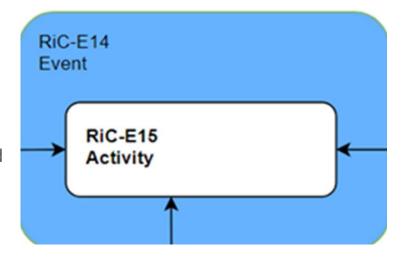
Event and Activity Entities

Event:

- Anything that happens in time and space
- May be natural or involve human agents
- May have many sub-events: a war has battles, which have skirmishes

Activity:

- A kind of event carried out by an agent with an intended purpose
- For corporate bodies and positions equivalent to function in ISDF



Rule and Mandate Entities

Rule:

- Conditions that govern the activities of agents
- They effect, and may also specify, the characteristics of the things produced by activity, such as records, and how they are managed over time

Mandate:

- A kind of rule
- Delegation by an agent to another agent of the authority to perform an activity
- May be implicit or explicit, as set out in laws, regulations and standards

Rules and mandates are intangible and not to be confused with records giving them expression



Date and Place Entities

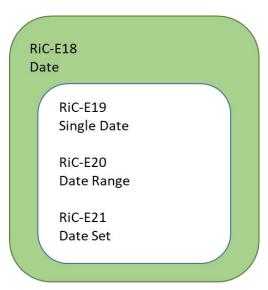
All things exist in time and space and these are necessary contexts to fully describe other entities:

Date:

 With sub-entities enables description of temporal contexts of other entities

Place:

 Bounded geographic area or region enabling description of spatial contexts of other entities



RiC-E22 Place

Attributes

- The characteristics of each of the entities which, with relations, constitute their nature
- Set out in two sections:
 - Alphabetical list in a template including applicable value schema and whether extensible or repeatable
 - List of attributes by entity, there are:
 - Attributes in common
 - Those familiar from ISAD(G), etc.
- The entity hierarchy means that the attributes of each superior entity are shared by its sub-entities.

ID	RiC-A01
Name	Accrual
Definition	Information on the anticipated accession(s) to the record set.
Domain	Record Set
Specifications	Such accessions may be record sets, records or record parts.
	Note the accrual status of a record set as a text statement or single words such as "Closed" to indicate that no additional record sets or records will (or are anticipated to) be added to the record set; "Open" to indicate that additional records or record sets will (or are expected to) be added to the record set; or "Unknown" to indicate that this information is not available.
Extensibility	May be extended with any number of specific attributes.
Repeatability	Not repeatable
Value schema	Model-based text; free text
Scope	
Examples	Open - there is an agreement with the creator that additional snapshots of their email directory will be accessioned at yearly intervals Closed Unknown

Attributes: Thing

RiC-E01	Thing
Attribute ID	Attribute Name
RiC-A16	Descriptive Note
RiC-A22	Identifier
RiC-A28	Name

Attributes: Record Resource

RiC-E02	Record Resource
Attribute ID	Attribute Name
RiC-A16	Descriptive Note
RiC-A22	Identifier
RiC-A28	Name
RiC-A21	History
RiC-A35	Record Resource Extent
RiC-A38	Scope and content
RiC-A40	Structure

Attributes: Record and Record Part

RiC-E04 & -E05	Record and Record Part
Attribute ID	Attribute Name
RiC-A16	Descriptive Note
RiC-A22	Identifier
RiC-A28	Name
RiC-A21	History
RiC-A35	Record Resource Extent
RiC-A38	Scope and content
RiC-A40	Structure
RiC-A03	Authenticity Note
RiC-A07	Classification
RiC-A08	Conditions of Access
RiC-A09	Conditions of Use
RiC-A10	Content Type
RiC-A17	Documentary Form Type
RiC-A24	Integrity
RiC-A25	Language
RiC-A26	Legal Status
RiC-A39	State
·	

Attributes: Record Set

RiC-E03	Record Set
Attribute ID	Attribute Name
RiC-A16	Descriptive Note
RiC-A22	Identifier
RiC-A28	Name
RiC-A21	History†
RiC-A35	Record Resource Extent
RiC-A38	Scope and content†
RiC-A40	Structure
RiC-A01	Accrual
RiC-A36	Record Set Type
RiC-A03	Authenticity Note*
RiC-A07	Classification*
RiC-A08	Conditions of Access*
RiC-A09	Conditions of Use*
RiC-A10	Content Type*
RiC-A17	Documentary Form Type*
RiC-A24	Integrity*
RiC-A25	Language*
RiC-A26	Legal Status*
RiC-A39	State*
,	

Attributes: Instantiation

RiC-E06	Instantiation
Attribute ID	Attribute Name
RiC-A16	Descriptive Note
RiC-A22	Identifier
RiC-A28	Name
RiC-A03	Authenticity Note
RiC-A04	Carrier Extent
RiC-A05	Carrier Type
RiC-A08	Conditions of Access
RiC-A09	Conditions of Use
RiC-A21	History
RiC-A23	Instantiation Extent
RiC-A24	Integrity
RiC-A31	Physical Characteristics
RiC-A33	Production Technique
RiC-A34	Quality of Representation
RiC-A37	Representation Type
RiC-A40	Structure

Attributes: Agent and Sub-entities

RiC-E07 & -E12	Agent and Position
Attribute ID	Attribute Name
RiC-A16	Descriptive Note
RiC-A22	Identifier
RiC-A28	Name
RiC-A21	History
RiC-A25	Language
RiC-A26	Legal Status

RiC-E08	Person as for Agent and:
Attribute ID	Attribute Name
RiC-A15	Demographic Group
RiC-A30	Occupation Type

RiC-E09	Group as for Agent and:
Attribute ID	Attribute Name
RiC-A15	Demographic Group

RiC-E10	Family as for Agent and:
Attribute ID	Attribute Name
RiC-A20	Family Type

RiC-E11	Corporate Body as for Agent and:
Attribute ID	Attribute Name
RiC-A12	Corporate Body Type

RiC-E13	Mechanism as for Agent and:				
Attribute ID	Attribute Name				
RiC-A41	Technical Characteristics				

Attributes

RiC-E14	Event		
Attribute ID	Attribute Name		
RiC-A16	Descriptive Note		
RiC-A22	Identifier		
RiC-A28	Name		
RiC-A06	Certainty		
RiC-A18	Event Type		
RiC-A21	History		

RiC-E15	Activity as for Event and:			
Attribute ID	Attribute Name			
RiC-A02	Activity Type			

RiC-E16 & -E17	Rule and Mandate		
Attribute ID	e ID Attribute Name		
RiC-A16	Descriptive Note		
RiC-A22	Identifier		
RiC-A28	Name		
RiC-A21	History		

Attributes: Date and Place Entities

RiC-E18 to - E21	Date and all sub-entities		
Attribute ID	Attribute Name		
RiC-A16	Descriptive Note		
RiC-A22	Identifier		
RiC-A28	Name		
RiC-A06	Certainty		
RiC-A13	Date Qualifier		
RiC-A14	Date Standard		
RiC-A19	Expressed Date		
RiC-A29	Normalized Date		

RiC-E22	Place			
Attribute ID	Attribute Name			
RiC-A16	Descriptive Note			
RiC-A22	Identifier			
RiC-A28	Name			
RiC-A11	Coordinates			
RiC-A21	History			
RiC-A27	Location			
RiC-A32	Place Type			

Relations

Relations in RiC-CM:

- Describe the connections between entities
- 78, all of which have an inverse relation
- Some are symmetric such as "is associated with"
- Are not exhaustive and focus on those reflecting the creation, transmission, management, and use of record resources
- Are categorized into 13 groups
- Range from broader to narrower in a poly-hierarchy
- Also have attributes where a simple connection does not provide all necessary information

51		<i>(</i>				
Relation ID	Domain	ID of domain	Name	ID of range	Range	Inverse relation ID and name
RiC- R009i	Thing	RiC-E01	follows in time	RiC- E01	Thing	RiC-R009 precedes in time
RiC- R008i	Thing	RiC-E01	follows or followed	RiC- E01	Thing	RiC-R008 precedes or preceded
RiC- R002	Thing	RiC-E01	has or had part	RiC- E01	Thing	RiC-R002i is or was part of
RiC- R002i	Thing	RiC-E01	is or was part of	RiC- E01	Thing	RiC-R002 has or had part
RiC- R001	Thing	RiC-E01	is related to	RiC- E01	Thing	RiC-R001 is related to
RiC- R009	Thing	RiC-E01	precedes in time	RiC- E01	Thing	RiC-R009i follows in time
RiC- R008	Thing	RiC-E01	precedes or preceded	RiC- E01	Thing	RiC-R008i follows or followed
RiC- R021i	Thing	RiC-E01	is or was described by	RiC- E02	Record Resource	RiC-R021 describes or described
RiC- R020i	Thing	RiC-E01	is or was main subject of	RiC- E02	Record Resource	RiC-R020 has or had main subject
RiC- R019i	Thing	RiC-E01	is or was subject of	RiC- E02	Record Resource	RiC-R019 has or had subject
RiC- R036i	Thing	RiC-E01	is or was under authority of	RiC- E07	Agent	RiC-R036 has or had authority over
RiC- R037i	Thing	RiC-E01	has or had owner	RiC- E08; RiC- E09; RiC- E12	Person; Group; Position	RiC-R037 is or was owner of
RiC- R057i	Thing	RiC-E01	is associated with event	RiC- E14	Event	RiC-R057 is event associated with

Relations: Categories

Whole-part relations Managerial relations

Sequential relations Agent to Agent relations

Subject relations Event relations

Resource Record to Resource Record relations Rule relations

Resource Record to Instantiation relations

Date relations

Provenance relations Spatial relations

Instantiation to Instantiation relations

Relations: Hierarchy and Attributes

Hierarchy:

- A six level hierarchy form the broadest relation—thing is related to thing—to increasingly narrow ones
- "has provenance" at level 2 has "has creator"; "has accumulator" and "has sender" are level 3 for example

Attributes:

- Identifier
- Date
- Certainty
- Source
- Description

Level One	Level Two	Level Three	Level Four	Level Five	Level Six
RIC- R001: Thing is related	Type: <u>sequential</u> relations				
to Thing	RiC-R008: Thing				
	precedes or	RiC-R009: Thing precedes			
	preceded Thing	in time Thing	RiC-R010: Record is original of Record		
			RiC-R011: Record is draft of Record		
			RiC-R012: Record		
			Resource has copy		
			Record Resource		
			(see also below)		
			RiC-R013: Record		
			Resource has reply		
			Record Resource		
			(see also below)		
			RiC-R014: Instantiation		
			has derived		
			instantiation	RiC-R015: Instantiation	
			Instantiation	migrated into	
			(see also below)	Instantiation	
			RiC-R016: Agent has		
			successor Agent	RiC-R017: Person has	
			(see also below)	descendant Person	RiC- R018: Person has child
					Person) (see also below)
					rersorry (see also below

Thank you!

Records in Contexts-Ontology (RiC-O)

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Head of the Lab, Archives nationales of France
Executive Member, ICA Experts Group on Archival Description
Lead of RiC-O development

RiC 0.2: one Standard, four Parts

- **RiC-IAD**: Introduction to Archival Description (to be released soon)
- **RiC-CM**: Conceptual Model (July 2021)
- RiC-O: Ontology (February 2021)
- **RiC-AG**: Application Guidelines

RiC Ontology (RiC-O): Key Information

- OWL 2 official transposition of RiC-CM
 - First archival domain-specific comprehensive ontology, that is, represents the world from an archival perspective
 - The reference formal model for publishing high quality RDF graphs describing archives
- Latest official version always accessible to humans and machines through its IRI: https://www.ica.org/standards/RiC/ontology
- Source code available in a public Git repository since
 March 2020: https://github.com/ICA-EGAD/RiC-O
 - Therefore a public Git project. You can clone the repo, or create issues, comments, and even fork the repo
 - The repo also includes diagrams and examples
 - Everything there is under CC-BY 4.0 license

International Council on Archives Records in Contexts Ontology (ICA RiC-O) version 0.2

Ontology IRI: https://www.ica.org/standards/RiC/ontology

This HTML view: https://www.ica.org/standards/RiC/RiC-O_v0-2.html

OWL source file: https://www.ica.org/standards/RiC/RiC-O_v0-2.rdf

Ontology metadata

This version: Version 0.2 - 2021-02-12.

See also the project on GitHub, where other resources can be found, and the acompanying website: https://github.com/ICA-EGAD/RiC-O (the website is at https://ica-egad.github.io/RiC-O/.)

Prior version: https://www.ica.org/standards/RiC/RiC-O_v0-1.rdf

Creators:

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Abstract

RiC-O (Records in Contexts-Ontology) is an OWL ontology for describing archival record resources. As the second part of Records in Contexts standard, it is a formal representation of Records in Contexts Conceptual Model (RiC-CM).

RiC-O: How to keep up to date

- RiC-O comes with a small information website: https://ica-egad.github.io/RiC-O/
 - Why use RiC-O?
 - Next steps, events; projects and tools
- There is also a discussion list (see https://ica-egad.github.io/RiC-O/about.html)

RiC-O 0.2: Main Characteristics

- From early stage versions, to beta versions in 2019, to RiC-O 0.1 in December 2019, to RiC-O 0.2
 - RiC-O played (and plays) a major role in testing the conceptual content and logic of RiC-CM: they were developed side by side
- Fully compliant with RiC-CM 0.2
 - All Entities, Attributes and Relations in RiC-CM are in RiC-O
 - And much more:
 - An ontology necessarily needs to go into greater detail than a conceptual model
 - Among the design principles: RiC-O has to be immediately usable and flexible

Documented in English for now

- Comes with an introduction, that includes details on the design principles, information about moving from RiC-CM to RiC-O, and a complete list of changes since 2019
- Each component is then defined, both formally and using annotations (definition, scope note...)
- A specific annotation property (<u>rico:RiCCMCorrespondingComponent</u>) is used to specify the mappings with RiC-CM

RiC-O 0.2 is immediately usable and flexible

- So it can be used to accommodate existing descriptive data, though at the same time it is designed for optimally representing data based on RiC-CM
 - Much of existing description is not based on rigorously controlled and identified entities
 - For example, most Agents in existing description are not maintained in an authority control system with persistent identifiers but are simply "name strings."
- Also, archival description is by essence flexible
- As a consequence, often more than one method for representing a statement

RiC-CM entities are available in RiC-O as classes

Class: rico:Record

IRI: https://www.ica.org/standards/RiC/ontology#Record

Label(s)

Record [en]

Definition

Information inscribed at least once by any method on any physical carrier in any persistent, recoverable form by an Agent in the course of life or work Activity.

Scope note

Record is a kind of Record Resource. A Record must have or have had at least one Instantiation. A Record may have more than one Instantiation. A re-instantiation of the record may be considered the same record or a new record, depending on the context and of the functions that record serves. Such information may serve a variety of purposes, though it always documents or is evidence of Activity.

Mapping to RiC-CM v0.2

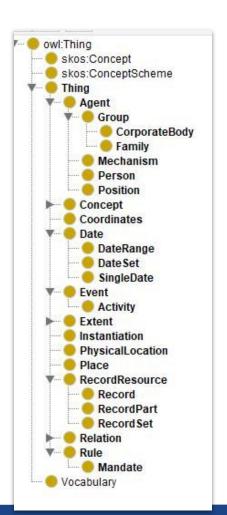
Corresponds to RiC-E04 (Record entity)

Has super-classes

rico:RecordResource

All RiC-CM entities become classes in RiC-O (and have the same name, textual definition, position in the hierarchy of classes).

An overview of the hierarchy of RiC-O classes (screenshot from Protégé environment) →



From CM attributes to RiC-O datatype properties or classes

Datatype property: rico:history

IRI: https://www.ica.org/standards/RiC/ontology#history

Label(s)

history [en]

Definition

Summary of the development of an entity, since its origin until present time.

Scope note

History can alternatively be represented by a series of related Events.

Mapping to RiC-CM v0.2

Corresponds to RiC-A21 (History attribute)

Example(s)

"El primer sorteo de lotería se celebró el 13 de mayo de 1771, siendo desarrollado por la Real Lotería General de Nuev

"Nacido en Barbastro en 1892, donde realizó sus primeros estudios con los escolapios. Licenciado en Derecho por la U notarios...(Person)" [es]

"The manuscripts are part of the collections of Robert Harley (d 1724) and Edward Harley (d 1741), 1st and 2nd Earls o Museum in 1753. Those materials were then separated into this collection and those for Harley Charters and Harley Ro (Record Selb" lenl

Has domain

rico:Activity or rico:Agent or rico:Event or rico:Instantiation or rico:Place or rico:RecordResource or rico:Rule

Has range

rdfs:Litera

change note(s

2020-11-01: Domains updated. Examples added. Objective: to make RiC-O compliant with RiC-CM v0.2.

When an attribute in RiC-CM does not have a controlled value, it is represented by a predicate in RiC-O, with range a literal (it becomes a datatype property). Some attributes are also represented by classes (e.g. rico:Name, rico:Identifier).

Class: rico:DocumentaryFormType

IRI: https://www.ica.org/standards/RiC/ontology#DocumentaryFormType

Label(s)

Documentary Form Type [en]

Definition

Categorization of the document with respect to its extrinsic and intrinsic elements that together communicate its content, administrative and document

Scope note

Documentary Form Type plays an important role in determining the type of information a Record may comprise, its status of perfection, and its auth exist in a specific social and cultural context, and within that context, are subject to change over time

Mapping to RiC-CM v0.2

Corresponds to RiC-A17 (Documentary Form Type attribute)

Has super-classes

rico:Type

isDocumentaryFormTypeOf all values from (Record or RecordPart)

Is in domain of

rico isDocumentaryFormTypeOf, rico isOrWasDocumentaryFormTypeOfAllMembersOf, rico isOrWasDocumentaryFormTypeOfSomeMembersOf

Is in range of

rico.hasDocumentaryFormType, rico.hasOrHadAllMembersWithDocumentaryFormType, rico.hasOrHadSomeMemberswithDocumentaryFormType

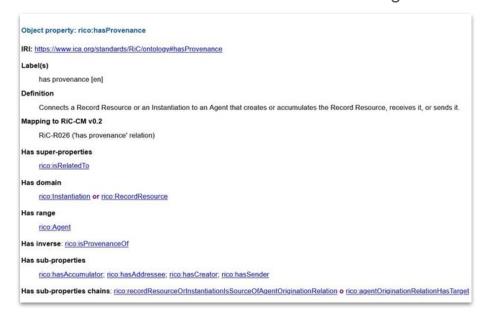
Has members

ric-dft:AuthorityRecord; ric-dft:FindingAid

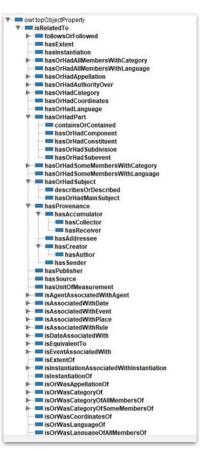
When an attribute in RiC-CM has a controlled value, it is represented by a class in RiC-O (and may also be represented by a datatype property, e.g. rico:date).

RiC-CM relations become object properties in RiC-O

To every CM relation corresponds an object property, that has the same domain and range as the CM relation, and can therefore be used to connect two instances of the domain and range classes.

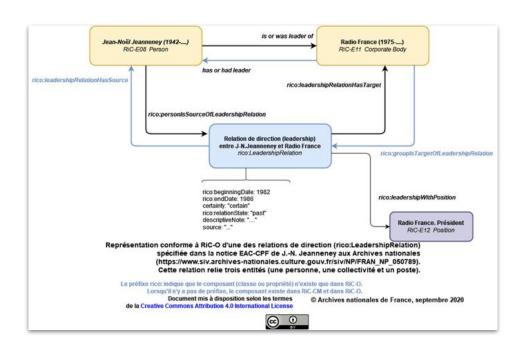


An example: <u>hasProvenance</u> object property

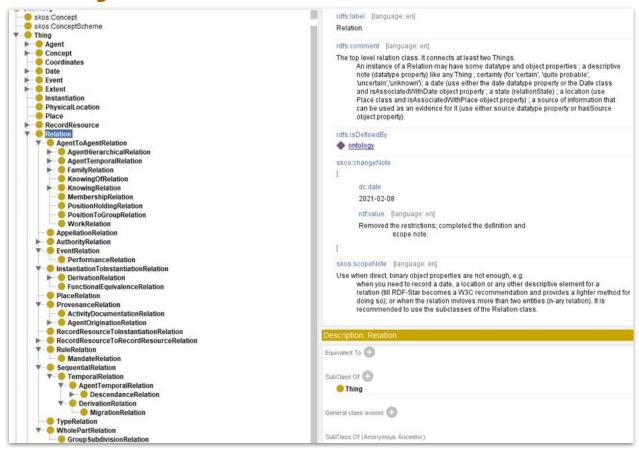


Many CM relations are also represented by classes in RiC-O

- This enables to assign a date, description, certainty, source or any other datatype property, to the Relation class.
- It also enables to connect more than two entities using this intermediate node.
- In such a case, a simple, binary, object property, is formally defined in RiC-O as the shortcut of the complex path that exists between two entities connected through a Relation class.
- The image shows an example; the RDF graph is derived from a cpfRelation element in an EAC-CPF authority record



The hierarchy of the relation classes in RiC-O



RiC-O in practice

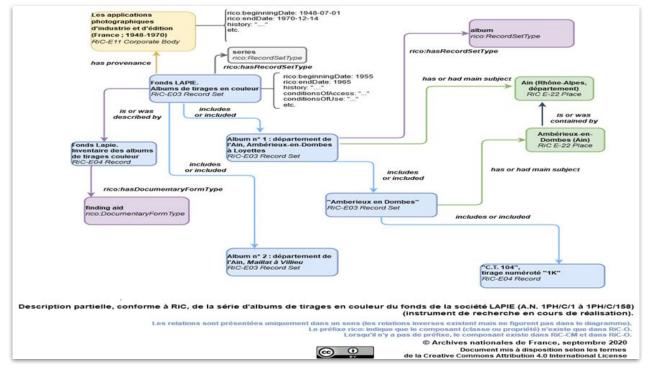
- Though it remains a draft, RiC-O 0.2 is already a rich, consistent, ready-to-use ontology
- RiC-O is already used in various projects, from proofs of concept to large scale implementation (see https://ica-eqad.github.io/RiC-O/projects-and-tools.html)
 - Among the projects:
 - Archives nationales of France: the <u>PIAAF proof of concept</u>, and several ongoing large scale projects
 - Memobase.ch
 - Social Network and Archival Context (SNAC) Cooperative
 - SoNAR (IDH) research project (Interfaces to Data for Historical Social Network Analysis and Research)
 - The future version of the French archives portal (<u>FranceArchives</u>)
 - See also a tool for converting EAD 2002 and EAC-CPF files to RDF/RiC-O: <u>RiC-O</u> <u>Converter</u>

RiC-O will continue to evolve

- The feedback and analysis of the practice will make it possible to identify the most frequently used components and methods available in RiC-O, or needs that are not addressed well.
- This analysis and the technical expertise developed will make it possible to formulate recommendations and identify scenarios (in RiC AG), and (maybe) to make some components obsolete.
- RiC-O roadmap includes mappings to other ontologies, which may also result in modifications.

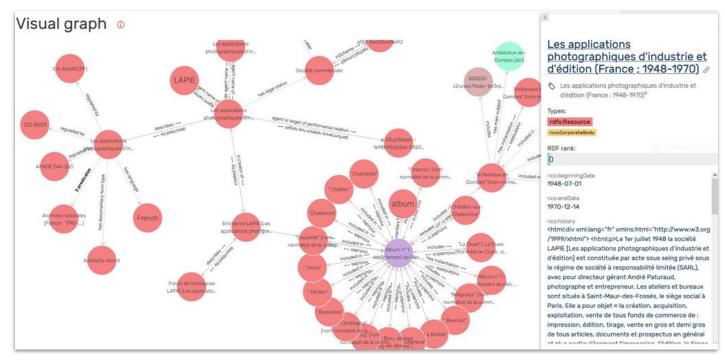
A few examples

Aggregations of Record Resources and some context entities



A series of aerial photographs

Representing a Corporate Body



The visualisation of the graph that describes the private company that created the series of photographs. RDF/RiC-O description generated from an XML/EAC-CPF file (see its HTML version:

https://www.siv.archives-nationales.culture.gouv.fr/siv/NP/FRAN_NP_052067)

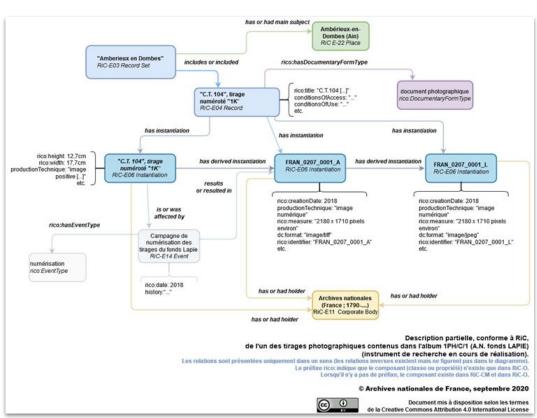
The RDF file generated is available here:

https://github.com/ArchivesNationalesFR/Referentiels/blob/main/agents/producteurs/rdf/FRAN Agent 052067.rdf

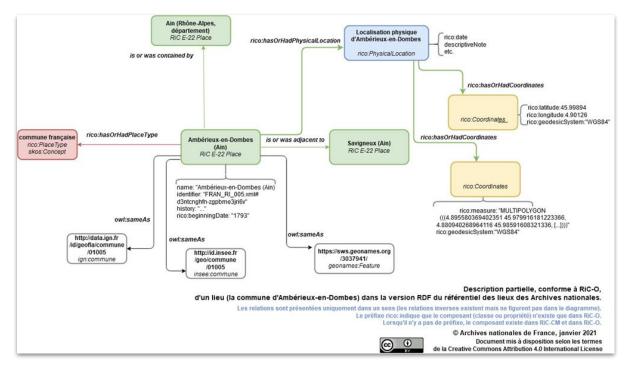
A Record and its Instantiations



A photograph in the series

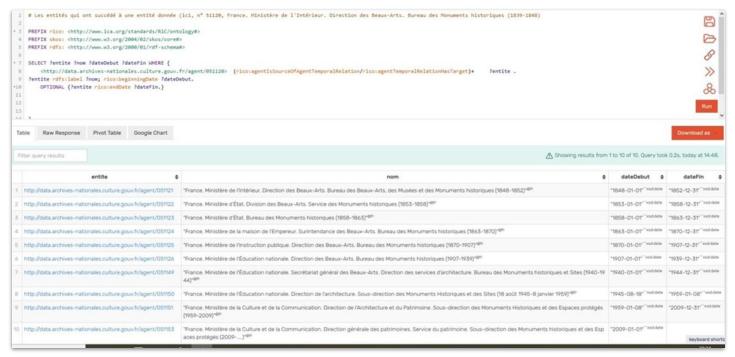


Representing a Place



A description of the place that is the subject of the aerial photograph

Querying a RDF/RiC-O graph



Querying the RDF graph of the archival creators (for now, 15200 EAC-CPF authority records) at the Archives nationales de France (screenshot from a GraphDB instance installed locally).

New questions can be answered, going through the arcs/relations, as in the example shown here.

As a conclusion

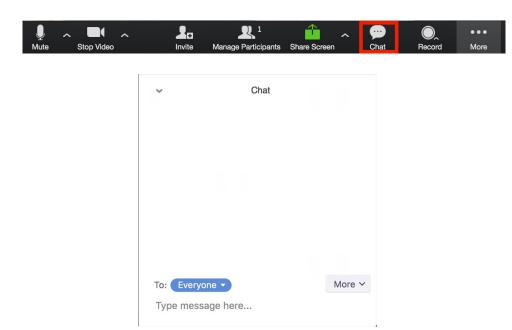
RiC-O Roadmap

- In developing RiC-O, other ontologies were consulted
- Subsequent versions of RiC-O will map various components to existing ontologies, among which:
 - PREMIS, PROV-O, Schema.org
 - CRM, FRBRoo/LRMoo, RDA registry
- The roadmap towards RiC-O 1.0 also includes other improvements (see https://ica-eqad.github.io/RiC-O/next-steps.html), among which:
 - Taking into account the comments on RiC 0.2, and the issues and pull requests created on GitHub
 - Documenting RiC-O in Spanish and French
 - Adding more examples
 - Providing mappings between RiC-O components and the components of EAD and EAC-CPF (which will also move to new versions closer to RiC during the next years)

- Do not hesitate to contact us:
 - For any question, suggestion, comment
 - You can use the GitHub functionalities available for the GitHub public repo of RiC-O
 - Or contact us directly
 - For referencing projects
 - For adding examples to the GitHub repository
- Another task or project could be to try to collaboratively, at an international level, develop high level authority data for types (in particular, documentary form types, record set types, activity types), combining SKOS and RiC-O Type classes.
- More information (in addition to the GitHub repo, to the website and to RiC-O internal documentation):
 - Clavaud (Florence), Wildi (Tobias). <u>ICA Records in Contexts-Ontology (RiC-O): a Semantic Framework for Describing Archival Resources</u>, in <u>Proceedings of Linked Archives International Workshop 2021</u> co-located with 25th International Conference on Theory and Practice of Digital Libraries (TPDL 2021), online, September 13th, 2021 (AlxIA Series, Vol-3019, urn:nbn:de:0074-3019-5).

Thank you!

Q & A



Use chat for questions

Thanks!

The recording will be available on YouTube:

https://www.youtube.com/user/saastaff